Rec'd PCT/PTO 03 JUN 2005

		OFGS FILE NO.				
COMBINED DECLARATION		P/2850-110				
As a below named inventor, I h that I verily believe that I am the or named) of the subject matter which Ni-BASED SINGLE	is claimed and for whi	op a batent is sori			s stated below next to my name; inventor (if plural inventors are	
	7	i de la chec	dead.			
	r 5, 2003	as Uni	ited States patent Appl		mber or PCT International patent	
application number PCT	/JP03/15619				(if any).	
any amendment referred to above.  I acknowledge the duty to discl	ose all information known	wn to be material I States Code \$119 Ive also identified	o patentability in acco of any foreign applica below any foreign app	rdance wil	estent or inventor's certificate or	
Prior Foreign or Provisional Applic	APPLICATION	NUMBER DATE OF FILING (day, month, year)			PRIORITY CLAIMED UNDER 15 U.S.C. 119	
					YES X NO	
Japan	Patent 2002-	-35575h	Ub/December	12002	YES NO	
	-				YES NO	
parigraph of Title 35, United State Title 37, Code of Federal Regulation international filing date of this appl UNITED STATES APPLICATION NUMBER	r Title 35, United States Code, §120 of any United States applies of this application is not disclosed in the prior United States applies Code, §121, I acknowledge the duty to disclose information where, §1.36 which became available between the filing date of the ication.  DATE OF FILING (day, month, year)			prior application and the national or PCT  STATUS  (patented, pending, abandoned)		
I hereby appoint OSTROLEN'S Samuel H. Weiner - Reg. No. 18,1 Reg. No. 24,735; Stantey H. Lieb Stephen A. Soffen - Reg. No. 31,0 Reg. No. 30,625, as attorneys with a Trademark Office connected the SEND CORRESPONDENCE TO:	olu, Jerome M. Berune erstein - Reg. No. 22,4 63; James A. Finder - I full power of substitut rewith and to receive a	7 - Keg. No. 1610 O; Steven I. Weis Reg. No. 30,173; ion and revocation Il correspondence.	Surd - Reg. No. 27.40 William O. Gray, III on the prossecute this appl	9: Max M Reg. No. lication, to	RECT TELEPHONE CALLS TO:	
	1180 AVENUE NEW YORK, N	OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 AVENUE OF THE AMERICAS (212) 382-0700  (212) 382-0700  (212) 382-0700  (213) 382-0700  (214) 382-0700  (215) 382-0700  (216) 382-0700  (217) 382-0700				
I hereby declare that all statem believed to be true; and further that punishable by line or imprisonment may jeopardize the validity of the	n or both under Section	n 1001 of Title 18 at juned thereon.	of the United States C	Code, and	that such willful false statements	
FULL NAME OF SOUR OR FURST INVE	ENTOR	INVENTOR'S STOT	M Korleyer	1:	June 1, 2005	
Toshiharu KOBAYASI	II Commut	10 DTWILL	u rollgysel	COUNTR	Y OF CITIZENSHIP	
RESIDENCE (City and either State of Ryugasaki-shi, Jap	an	78x	•	Japa		
POST OFFICE ADDRESS C/O NET	tional Institu	ute for Ma	terials Scien	ice,		
2-1, Se	engen 1-chome	, Tsukuba-:	shi, Ibaraki-	ken,		
FULL NAME OF SECOND JOINT INVENTOR (F APT) Yutaka KOIZUMI		yutaha Kozum		~	June 1, 2005	
RESIDENCE (City and differ State or Forder Country) Ryugasaki-shi \ Japan		PX		COUNTRY OF CTIZZENSHIP  Japan		
POST OFFICE ADDRESS C/O NE	tional instit engen 1-chome	ute for Ma Taukuba-	teriais Scier shi, Ibaraki-	ice, -ken, .	Japan	
FULL NAME OF THIRD JOINT INVENTOR (# ANT)		INVENTOR'S SIGNATURE IN			June 1, 2005	
Tadaharu YOKOKAWA		7. Yokokowas		T	RY OF CITIZENSHIP	
RESIDENCE (Chy and either State of Teukuba-shi . Jana	,		Japa			
rest or the ADDRESS C/O National Institute for Materials Science,						

COUNTRY	APPLICATION	NUMBER	DATE OF FILING	PRIORITY CLAD UNDER 35 U.S.C
<u></u>				YES NO
				YBS NO
				YES NO
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		~~~	•	YES NO
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	<del></del>			YES NO
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				YES NO
-				YES NO
I hereby declare that all state	ements made berein of my	own knowledge en	s true and that all statements medical share willful false statements	YES NO  YES NO
believed to be true; and further to punishable by fine or lampisonam coopardize the validity of the appropriate the property fourth fourt in Hiroshi Harada residence	that these statements were need, or both, under Section plication or any patent immediation, if ANY	ando with the known 1001 of Title 18 of thereon.	riedge that Willin Disc statem f the United States Code and t	YES NO  YES NO  YES NO  ade on information and belief are that such willful false statements of the such will false statements of
believed to be true; and further to punishable by fine or imprisonm to open dize the validity of the appropriate the validity of the appropriate validity of the appropria	that these statements were need, or both, under Section plication or any patent immeriventors, if ANY	INVENTOR'S SU	Product that willful tales statement the United States Code and United States Code and University of the United States Code and University of the United States Code and University of the Unive	YES NO  YES NO  Ade on information and belief are that such willful false statements.  DATE  June 1, 2005
believed to be true; and further punishable by fine or imprisonm jeopardize the validity of the approperation of the property of the approperation of the property of the prop	that these statements were seen, or both, under Section plication or say patent issue IVENTOR, IF ANY  an The Section of Section 1 and 1 a	inventors subtree for Mate	PRATURE  Trials Science,  i. Ibaraki-ken. J:	YES NO  YES NO  YES NO  The said the like so made are that such willful false statements of the such will false statements of the
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believed to be true; and further punishable by fine or imprisonant properties of the approperties of the a	that these statements were seen, or both, under Section plication or say patent issue IVENTOR, IF ANY  an The Section of Section 1 and 1 a	inventors su te for Mate Tsukuba-sh	Prie United States Code and Constitute  Prie United States Code and Constitute  Prie Science,  I Daraki-ken, Jonature	YES NO  YES NO  YES NO  The said the like so made are not such willful false statements of the such will false statements of the s
FULL NAME OF FOURTH JOINT IN HITOSHI HARADA  RESIDENCE TRUL NAME OF FOURTH JOINT IN HITOSHI HARADA  RESIDENCE TRULUDA—SHI, Jape FOST OFFICE ADDRESS C/O N: 2-1, FULL NAME OF FIFTH JOINT INVE YASUHITO AOKI  RESIDENCE TOKYO JADAN  FOST OFFICE ADDRESS C/O I:	that these statements were cent, or both, under Section plication or any patent immediately for the section of the secti	ima Heavy I	Prior United States Code and Convertible  Prior United States Code and Code an	YES NO  YES NO  YES NO  YES NO  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005
FULL NAME OF FOURTH JOINT IN HITOSHI HARADA  RESIDENCE TRUL NAME OF FOURTH JOINT IN HITOSHI HARADA  RESIDENCE TRULUDA—SHI, Jape FOST OFFICE ADDRESS C/O N: 2-1, FULL NAME OF FIFTH JOINT INVE YASUHITO AOKI  RESIDENCE TOKYO JADAN  FOST OFFICE ADDRESS C/O I:	that these statements were seem, or both, under Section plication or any patent immediately and the section of any secti	te for Mate Tsukuba-sh INVENTOR'S SI  LIVENTOR'S SI	The United States Code and United States Code	YES NO  YES NO  YES NO  YES NO  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005  CTIZENSHIP  Janan  DATE  June 1, 2005

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UNIT COMBINED DECLARATION AND	P/28	OFGS FILE NO. 2850-110							
COUNTRY	APPLICATION I			ING	PRIORITY CLAIMED UNDER 35 U.S.C. 119				
					YES NO				
					YES NO				
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				•	YES NO				
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and the same of th					YES NO				
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					YES NO				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Take 18 of the United States Code and that such willful false statements may reopardize the validity of the application or any patent lessed thereon.									
full name of seventh joint inventor. If any		INVENTOR'S SIGNATURE		DAT	June 1, 2005				
Shoin MASAKI					ZENSKIP				
Tokyo Japan	J	apan							
Tokyo Japan  Tokyo Japan  FOST OFFICE ADDRESS C/O Ishikawajima Precision Casting Co., Ltd.,  4-6-4, Minami-cho, Nishitokyo-shi, Tokyo, Japan									
FULL NAME OF TICHTHOINT INVENTOR, IF ANY INVENTOR'S SIGNATURE				DATE					
RESIDENCE					CITIZENSHIP				
RESILIENCE ,		·							
POST OFFICE ADDRESS									
full name of himth foint inventor. If any		INVENTOR'S SIGNATURE		DAT	DATE .				
RESIDENCE					ZENSHIP				

POST OFFICE ADDRESS